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dividing encryption sequence with mixing dum

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Encryption processing apparatus, encryption processing method, and computer program

R. Rijndael ... - US Patent App. 10/740,412, 2004 - Google Patents

... By dividing an original encryption processing sequence into a ... 12 (START) > DIVIDE ENCRYPTION PROCESSING SEQUENCE TO A PLURALITY OF GROUPS > 1 ... PREDETERMINED CONDITIONS IN ORDER TO SET MIXING PROCESSING SEQUENCE > r SEQUENTIALLY ...

All 2 versions

Encryption protection method

V. Dupeul... ... - US Patent App. 11/358,979, 2006 - Google Patents

... 3) a nonlinear substitution transformation taking the 48-bit key-mixed output, dividing it into ... For example, Rijndael, adopted as the Advanced Encryption Standard (AES), and published in ... their actions, but the inside masking sequence differs from the global masking sequence. ...

All 2 versions

High-speed VLSI architectures for the AES algorithm

X. Zhang ... - Very Large Scale Integration (VLSI) ... , 2004 - keepexplorer.ieee.org

... clock period is determined by the indivisible component with the longest delay, dividing the rest ... to be divided into more substages to achieve the same speed as the encryption round unit ... The InvMixColumns architecture is divide into two parts according to the dashed line in Fig ...

Cited by 116 - Related articles - All 9 versions

[PDF] from keepexplorer.ieee.org

Parallel mixing

P. Golle, A. Juels ... - Proceedings of the 11th ACM conference on ... , 2004 - portal.acm.org

... A naive approach would be to divide the set of n inputs into λ batches each ... ideal source of randomness, the adversary has no control over the initial division of slots into ... our parallel re-encryption mixnet protocol compares with a sequential synchronous re-encryption mixnet ...

Cited by 26 - Related articles - All 5 versions

[PDF] from portal.acm.org

Cryptographic defense against traffic analysis

C. Rackoff... ... - Proceedings of the twenty-fifth annual ACM ... , 1993 - portal.acm.org

... the network, is being sent. On the other hand, this "trivial" solution may require each party to divide the maximum rate at which it sends "legitimate" messages (and the network to divide the number of ... associated with a particular public encryption key, ... the aid of the mix node. ...

Cited by 97 - Related articles - All 12 versions

INFORMATION PROCESSING DEVICE, DISC, INFORMATION PROCESSING METHOD, AND PROGRAM

R. Nishide - US Patent App. 20,090/154,314, 2008 - freepatentsonline.com

... Method for dividing user storage space of an optical disc, optical disc ... ID), and execute a process, such as authentication process or cryptography process, in accordance ... 12 is a flowchart that illustrates a processing sequence between the application and the BCA ...

Cited by 2

[PDF] ISDN-mixes: Untraceable communication with very small bandwidth overhead

A. Pfitzmann, B. Pfitzmann ... - Proc. GI/TG-Conference ... , 1991 - CiteSeer

... This can be provided together with end-to-end encryption: The unencrypted message inside N must fulfil a redundancy predicate; and B decrypts each ... The solution to the channel-release problem is to divide a connection between A and B into a sequence of time ...

Cited by 268 - Related articles - View as HTML - All 10 versions

[PDF] from psu.edu

Toward an analytical approach to anonymous wireless networking

P. Venkatasubramanian, T. He ... - Communications ... , 2008 - keepexplorer.ieee.org

... Mix is liable to be compromised, and hence a (possibly random) sequence of Mixes are ... Parallel to cryptography, secrecy in communication has been studied extensively from an information theoretic ... Specifically, depending on the routes in each session, we divide the set of ...

Cited by 7 - Related articles - All Direct - All 5 versions

[PDF] from psu.edu

[BOOK] The design of Rijndael: AES—the advanced encryption standard

J. Daemen ... - 2002 - books.google.com

... The new encryption standard was to become a Federal Information Processing Standard (FIPS), replacing the old Data Encryption Standard (DES) and Triple-DES. Unlike the selection process for the DES, ... Page 22. 2. 1. The Advanced Encryption Standard Process However, ...

Cited by 904 - Related articles - All Direct - All 5 versions

Group-And-Go mixes to counter the $(\leq IT > n/IT > 1)$ attack

JQ. Shi, BX. Fang ... - Internet Research, 2006 - emeritusindsight.com

... Then, the total number of possible methods of dividing n messages into m groups with ... anonymous path, the sender's client program will randomly select a method to divide the messages ... injecting arbitrary messages, the RG mix can adopt the inter-mix link encryption scheme as ...

Cited articles - All Direct - All 4 versions

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